

Converting Colors

$Y_{xy}(28.5165, 0.2927, 0.3624)$

Have a look what the booklet for
Yxy(28.5165, 0.2927, 0.3624)
contains.

Yxy(28.5053, 0.2922, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.5053, 0.2922, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	739A87
RGB	115, 154, 135
RGB Percent	45%, 60%, 53%
CMY	0.5489, 0.3961, 0.4706
CMYK	0.25, 0.00, 0.12, 0.40
HSL	151°, 16%, 53%
HSV	151°, 25%, 60%
XYZ	23.0026, 28.5053, 27.2143
YIQ	140.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

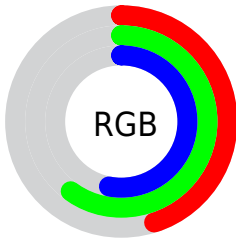
Format	Color
RYB	115, 141, 154
Decimal	7576199
CIELab	60.34, -17.47, 5.64
CIElCh	60, 18.362, 162.102
Yxy	28.5053, 0.2922, 0.3621
Android (android.graphics.Color)	4285766279 (0xFF739A87)
YUV	140.1730, -2.5503, -22.0767
Hunter-Lab	53.3904, -16.5285, 7.1518

Details

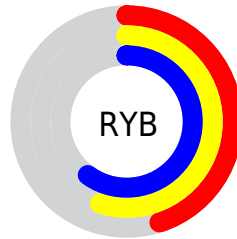
The Yxy color $28.5053, 0.2922, 0.3621$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.8606, 0.3397, 0.2982$, and the grayscale version is $26.3145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5566, 0.2969, 0.3559$, and $11.5146, 0.2854, 0.3762$ is the 20% darker color. If you saturate the color by 10%, you get $27.3438, 0.2849, 0.3776$, and if you desaturate by 10%, it is $29.8585, 0.3001, 0.3480$.

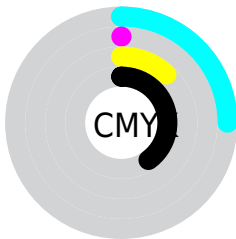
Distribution



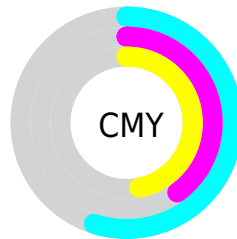
- Red (45%)
- Green (60%)
- Blue (53%)



- Red (45%)
- Yellow (55%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)





- Cyan (55%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5053, 0.2922, 0.3621 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 28.5053, 0.2922, 0.3621 by changing the saturation by 10% instead.


 28.5053, 0.2922,
0.3621


 28.5053, 0.2922,
0.3621


294.8736, 0.3035,
0.3438


 18.7069, 0.2890,
0.3674


 57.2902, 0.2966,
0.3550

 11.4587, 0.2846,
0.3746


 77.0454, 0.2981,
0.3525

 6.3762, 0.2782,
0.3852


 100.8885, 0.2994,
0.3504

 3.0752, 0.2680,
0.4021

129.2036, 0.3005,
0.3486

 1.1711, 0.2465,
0.4362

162.3753, 0.3014,
0.3472

 0.0379, 0.0000,
1.0000

200.7880, 0.3022,

 0.0000, 0.0000,

0.3459

0.0000

244.8259, 0.3029,
0.3448

■ 28.5053, 0.2922,
0.3621

■ 28.5053, 0.2922,
0.3621

■ 27.3438, 0.2849,
0.3776

■ 29.8585, 0.3001,
0.3480

■ 26.3616, 0.2785,
0.3943

■ 31.4081, 0.3083,
0.3352

■ 25.5499, 0.2733,
0.4120

■ 33.1633, 0.3166,
0.3238

■ 24.8983, 0.2696,
0.4305

■ 35.1314, 0.3250,
0.3137

■ 24.3948, 0.2677,
0.4492

■ 37.3195, 0.3331,
0.3047

■ 24.0256, 0.2677,
0.4679

■ 39.7342, 0.3411,
0.2969

■ 23.7730, 0.2695,
0.4858

■ 42.3820, 0.3487,
0.2900

■ 23.6736, 0.2706,
0.4941

■ 45.2691, 0.3560,
0.2840

■ 48.4013, 0.3629,
0.2787

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.5053, 0.3221, 0.3799



28.5053, 0.2922, 0.3621



28.5053, 0.2686, 0.3344

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.5053, 0.2922, 0.3621



28.5053, 0.2748, 0.2792



28.5053, 0.3722, 0.3467

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.5053, 0.2922, 0.3621



20.8606, 0.3397, 0.2982

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.5053, 0.3583, 0.3215



28.5053, 0.2922, 0.3621



28.5053, 0.3011, 0.2837

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.5053, 0.2922, 0.3621



28.5053, 0.2589, 0.2869



28.5053, 0.3319, 0.2990



28.5053, 0.3690, 0.3689

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.5053, 0.2922, 0.3621



28.5053, 0.2592, 0.3153



28.5053, 0.3319, 0.2990



28.5053, 0.3693, 0.3383

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.5065, 0.2922, 0.3621



56.2162, 0.3059, 0.3387



29.4592, 0.3291, 0.3947



12.6314, 0.3047, 0.3405



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.5065, 0.2922, 0.3621



50.6260, 0.2882, 0.3701



29.0899, 0.2766, 0.3289



6.9758, 0.3050, 0.3401



19.2959, 0.2702, 0.4928



0.2958, 0.2494, 0.4179

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.8606, 0.3397, 0.2982



34.4541, 0.3471, 0.2914



20.3774, 0.3644, 0.3292



6.2703, 0.3211, 0.3182



6.0188, 0.4965, 0.2509



0.0973, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 28.5053, 0.2922, 0.3621 looks on a white background.

Color Contrast Check

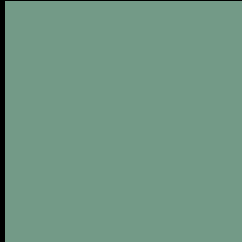
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 28.5053, 0.2922, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

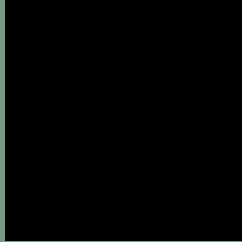
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.5053, 0.2922, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 28.5053, 0.2922, 0.3621.



This preview shows how white text looks on a background with the Yxy color 28.5053, 0.2922, 0.3621.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.5053, 0.2922, 0.3621

Protanopia

28.4418, 0.3342, 0.3531

Deuteranopia

28.2725, 0.3391, 0.3322



Tritanopia

28.4144, 0.2738, 0.3091

Trichromacy



Original Color

28.5053, 0.2922, 0.3621

Protanomaly

28.2490, 0.3177, 0.3556

Deuteranomaly

28.0767, 0.3206, 0.3420

Tritanomaly

28.2518, 0.2803, 0.3272

Monochromacy



Original Color

28.5053, 0.2922, 0.3621

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.9111, 0.3049, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5053, 0.2922, 0.3621 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(115, 154, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 154, 135) }
```

Border

The CSS property to change the border of an element to Yxy 28.5053, 0.2922, 0.3621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

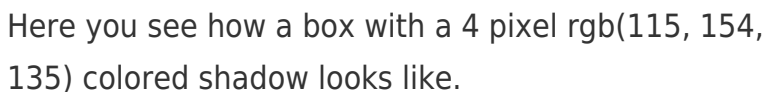
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 154, 135) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 154, 135) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(115, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 154, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 154, 135); box-shadow:4px 4px 4px 4px rgb(115, 154, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5053, 0.2922, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 154, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115,  
154, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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